

## **ABSTRACT**

A smoke detector having a sound quality enhancement chamber for increasing the sound quality of alarms produced by a sound producing device in the smoke detector. In at least one embodiment, the sound quality enhancement chamber is formed by a housing and a plate such that the chamber is in communication with a sound producing device, which may be a speaker, for producing sounds, such as a human voice, with enhanced quality. The sound quality enhancement chamber acts as a spring and increases the quality of the sounds produced by the sound producing device of the smoke detector. In at least one embodiment, the sound quality enhancement chamber enables a smoke detector to emit a parent's voice that is clear and easily understandable.